



AP 1618
JFW

PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ward B. Bowen Atty. Docket: 87312.000003
Serial No.: 09/876,322 Examiner: Pak, John D.
Filed: June 7, 2001 Art Unit: 1616
Title: A METHOD AND COMPOSITION FOR THE ACCELERATED IN VIVO
REMOVAL OF ETHANOL

RESPONSE AFTER FINAL REJECTION

Mail Stop AF
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Office Action (FINAL) mailed May 20, 2004 please
amend the above-identified application as follows

In the Claims

1 **(Previously Presented)** A composition for accelerating in vivo
oxidation of alcohol, the composition comprising NAD^+ and a catalyst comprising
at least one of a species selected from the group consisting of a multivalent
transition metal ion, and a complex thereof excluding manganese, iron,
chromium, copper and zinc; the species being in a state selected to accelerate in
vivo oxidation of alcohol in the absence of a dehydrogenase where said catalyst
effects the oxidation of NADH , thus recycling NAD^+ and the composition having a
sufficient quantity of the transition metal ion to provide an in vivo concentration of
the ion in the range 0.05% to 2% of a maximum in vivo molar concentration of
ethanol.

2. **(Cancelled)**

07/07/2004 TBESHAN1 00000080 09876322

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